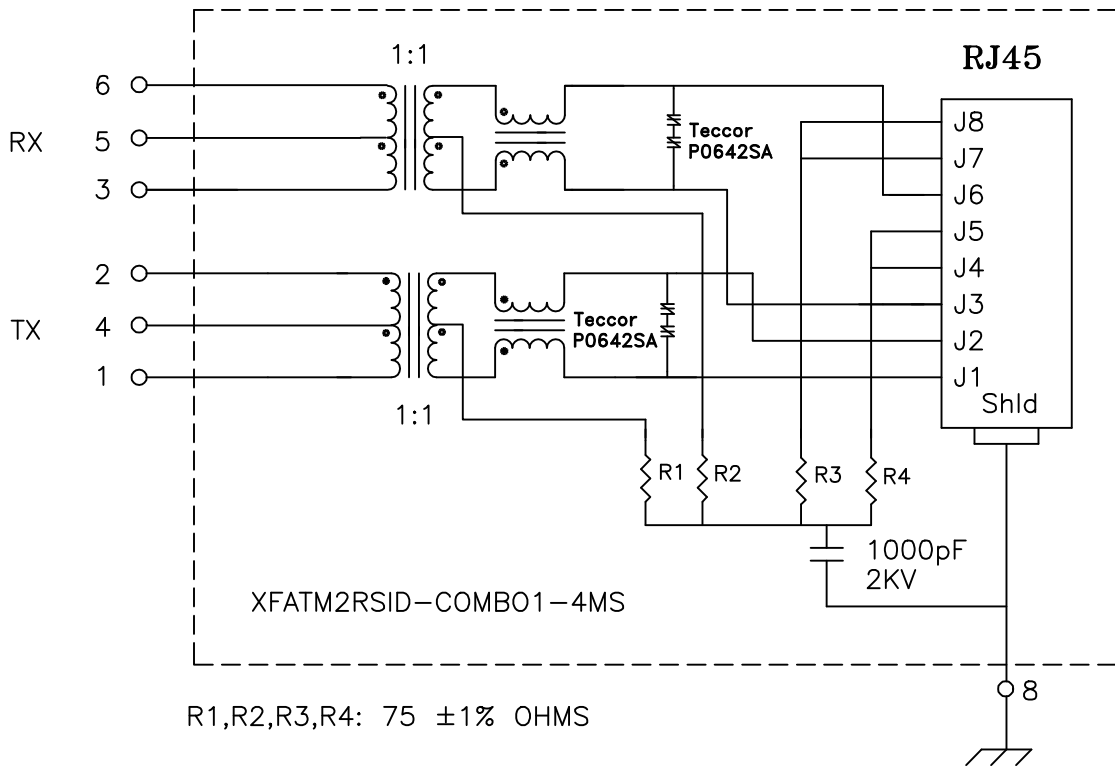


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac

Isolation Voltage: 500 Vac (1+4+2 to 3+5+6)

UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC

Leakage Inductance: P6-P3 0.3uH Max @100KHz 100mV Short J6 and J3

Leakage Inductance: P2-P1 0.3uH Max @100KHz 100mV Short J2 and J1

Cww: (P6, P5, & P3) to (J6 & J3) 30pF Typ @100KHz

Cww: (P2, P4, & P1) to (J2 & J1) 30pF Typ @100KHz

DCR: (J6-J3) = (J2-J1) 1.2 Ohms Max

Rise Time (10-90%): 2.5ns Typ

Insertion Loss (100KHz-100MHz): -1.2dB Max

Return Loss: -18dB Min @1MHz - 30MHz

Return Loss: -12dB Min @60MHz - 80MHz

Crosstalk: 40dB Typ @1MHz to 100MHz

Common Mode to Differential Mode Rejection:

30MHz-100MHz -35dB Typ (Tx) / -35dB Typ (Rx)

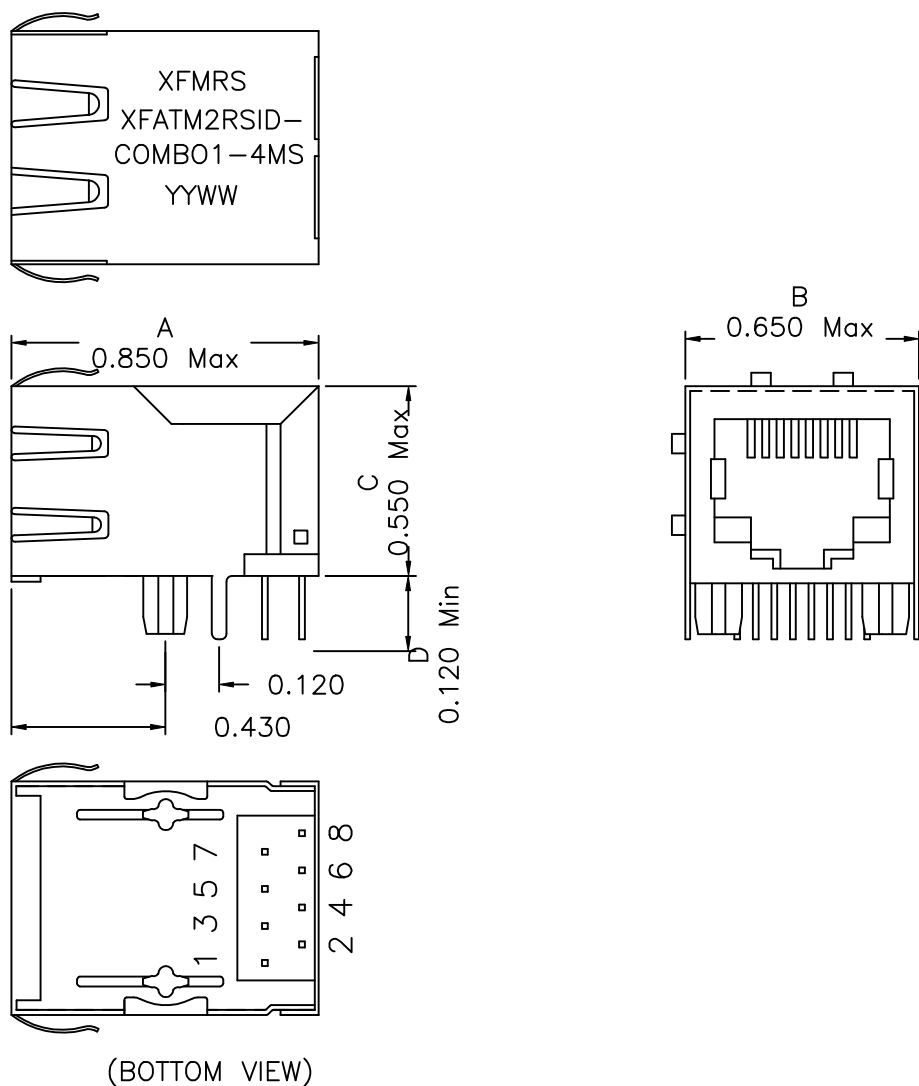
Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible

DOC. REV: A/1

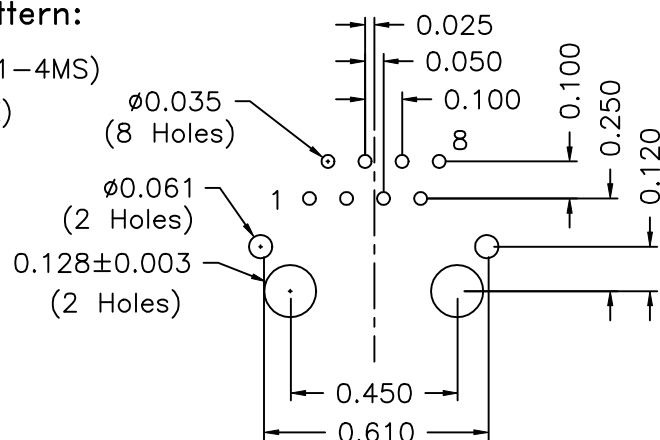
XFMRS Inc.	Title: SINGLE PORT COMBO		
	UNLESS OTHERWISE SPECIFIED	P/N: XFATM2RSID-COMBO1-4MS	REV. A
	TOLERANCES:	DWN.	刘 鹏 Apr-15-03
	.xxx $\pm$ 0.010	CHK.	李小锋 Apr-15-03
Dimensions in Inch		APP.	BW Apr-15-03
SHEET 1 OF 2			

Mechanical Dimensions:



Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



XFMRS Inc.		Title: Mechanical Dimensions For COMB01-4MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2RSID-COMB01-4MS		REV. A
	DWN.	刘 鹏	Apr-15-03
	CHK.	李小锋	Apr-15-03
SHEET 2 OF 2	APP.	BW	Apr-15-03